

20000520.qrp v01_n827.qrl.20000520

Date: Sat, 20 May 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1827

QRP-L Digest 1827

Topics covered in this issue include:

- 1) [70581] Re: Kit & Part Sources
by Pete Burbank <plburbank@kih.net>
- 2) [70582] Re: FS: FT100 tuning knob, suitable for K2
by Allan G Taylor <k7gt@qsl.net>
- 3) [70583] FT-100 knob Query
by Pete Burbank <plburbank@kih.net>
- 4) [70584] Re: 80/75M field use ant?
by "Maddog 'n' Miracles" <maddog@io.com>
- 5) [70585] Re: 80/75M field use ant?
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 6) [70586] SMK-1 Questions
by Craig LaBarge <wb3gck@yahoo.com>
- 7) [70587] For Trade: MFJ 784 DSP Filter
by "Tim Cook" <timcook@erinet.com>
- 8) [70588] RE: FT-100 knob Query
by Radman <radman@best.com>
- 9) [70589] Re: SMK-1 Questions
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 10) [70590] Re: SMK-1 Questions
by John Kuklewicz N7ZN <kukl@cybrquest.com>
- 11) [70591] 2 questions, while everyone (but me) is at Dayton !!
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 12) [70592] Re: SMK-1 Questions
by Bob Hightower <nk7m@extremezone.com>
- 13) [70593] RE: 2 questions, while everyone (but me) is at Dayton !!
by Radman <radman@best.com>
- 14) [70594] Re: 2 questions, while everyone (but me) is at Dayton !!
by Jean & John Hendricks <j-j-hendricks@worldnet.att.net>
- 15) [70595] Looking for *OHR400*
by "curt" <k3ivb@stargate.net>
- 16) [70596] Re: FT-100 knob Query
by "Art Neilson, WH7N" <art@pilikia.hi.net>
- 17) [70597] Re: 2 questions, while everyone (but me) is at Dayton !!
by Thomas Kuehl <ac7a@gci-net.com>
- 18) [70598] Re: SMK-1 Questions
by Dave Fifield <fifield@pacbell.net>
- 19) [70599] HB: receiver

- by Wa3ptg@aol.com
- 20) [70600] Re: Kit & Part Sources
by "Chuck Carpenter" <w5usj@globeco.net>
 - 21) [70601] Re: 2 questions, while everyone (but me) is at Dayton !!
by "John A. Evans - N0HJ" <jaevas@codenet.net>
 - 22) [70602] my PSK-20/PSK-31 links
by "Rod, N0RC" <n0rc@qsl.net>
 - 23) [70603] Scott Bauer
by Bruce Rattray <rattray@gpfn.sk.ca>
 - 24) [70604] QRP-L CD Vol 3
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
 - 25) [70605] Re: OT - 'QRP' GPS on sale....
by david fouchey <dafouchey@home.com>
 - 26) [70606] Re: Design Session
by Tom Isgro <k8cz@concentric.net>
 - 27) [70607] OT - Yaesu's DSP-1000MP (MK-V)
by Radman <radman@best.com>
 - 28) [70608] Re: 2 questions, while everyone (but me) is at Dayton !!
by Bruce Grubbs N7CEE <n7ceeqr@earthlink.net>
 - 29) [70609] Ft Tuthill 2000
by Bob Hightower <nk7m@extremezone.com>
 - 30) [70610] Tektronix 454 manual needed/probe compensation question
by "David Ek" <ekdave@earthlink.net>
 - 31) [70611] SOP 40
by Gordon <gordon@znet.groupz.net>
 - 32) [70612] Re: [azqrp] Ft Tuthill 2000
by Roger Hightower <n7kt@worldnet.att.net>
 - 33) [70613] B & W
by Barry J Minsky <w2bj@juno.com>
 - 34) [70614] Wilderness Sierra/KC2/NB/8 bands - SOLD
by Patrick Armstrong <aa7fg@gte.net>
 - 35) [70615] 10mW RTTY QSO Arkansas to Latvia
by Jim Hale <kj5tf@yahoo.com>
 - 36) [70616] Re: [Antennas] B & W
by "Pastor-KC1DI" <elbc@pivot.net>
 - 37) [70617] GCN - N7XJ heard
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
 - 38) [70618] Re: Tektronix 454 manual needed/probe compensation question
by Russ Dow <n7dw@garlic.com>
 - 39) [70619] W/R ANT... DON'T WORK MAD!
by hamjoel@juno.com
 - 40) [70620] OT:FS non-qrp equipment and qrp/non-qrp accessories
by Michael Bower - N4NMR <bowerm@ix.netcom.com>

Date: Fri, 19 May 2000 19:04:03 -0400
From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>
Subject: [70581] Re: Kit & Part Sources
Message-ID: <3.0.32.20000519190359.00740718@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:55 PM 5/19/00 -0700, you wrote:

>Can someone email me a list of the US QRP kit manufacturers?
>
>I also needs parts sources. Already have Mouser, Jameco and Newark.
>
>Thanks,
>Jay
>W6CJ

Jay,
Look at <http://www.AC6V.com/>

73 Pete NV4V

Date: Fri, 19 May 2000 16:06:47 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [70582] Re: FS: FT100 tuning knob, suitable for K2
Message-ID: <3925C907.598C@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gone in 30 seconds to W2KJ.

GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Fri, 19 May 2000 19:18:36 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [70583] FT-100 knob Query
Message-ID: <3.0.32.20000519191832.00741950@kih.net>
Mime-Version: 1.0

Gang,
Somehow I missed reading about the virtues of the FT-100 knob.
Can someone enlighten me?
73 Pete NV4V

Date: Fri, 19 May 2000 11:14:11 -0700
Hi Don!

Here's one I like, very portable, resonant single-band antenna: the DCTL antenna. You can see my version, with comments, at:

72,
monty N5FC

```

*****\
* Monty Northrup (N5FC) * "There is no way to peace: * \ (**)
* Carolyn Blankenship * peace IS the way." * /^^^^^^) ~
* maddog@io.com * http://www.io.com/~maddog/ * /^^/^^/^^/
*****

```

Date: Fri, 19 May 2000 20:05:58 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

To: "Maddog 'n' Miracles" <maddog@io.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70585] Re: 80/75M field use ant?
Message-ID: <Pine.BSI.4.05L.10005192005090.5399-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 May 2000, Maddog 'n' Miracles wrote:

>

> <http://www.io.com/~maddog/hamradio/>

The links to the pictures at the bottom of the page seem to be broken.

thom

../..
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

Date: Fri, 19 May 2000 17:10:21 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp1-mailing-list <qrp-1@lehigh.edu>
Subject: [70586] SMK-1 Questions
Message-ID: <20000520001021.18262.qmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings:

During checkout of my SMK-1, I smoked U2, the audio amplifier IC (big time!). A couple of questions:

1. Any good suggestions for removing the dead IC without destroying the board? I'm looking around for a small set of cutters in hopes that I might be able to cut all of the leads of the dead IC. Any better ways to do this?
2. The parts list calls out an LM386M-1 for U2. Mouser carries an NJM386E (SO-8, of course). Would that be a suitable replacement?

Thanks & 73,

Craig WB3GCK

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Fri, 19 May 2000 21:08:31 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [70587] For Trade: MFJ 784 DSP Filter
Message-ID: <005b01bfc1f7\$ea352ea0\$606f5acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice condition, original box and manual MFJ 784 DSP filter I would like to trade it for some kind of 40m qrp rig. Let me know what you have to offer. Works 100%, one LED indicator light is burned out, but doesn't affect the function at all..

73

Tim

NZ8J

Date: Fri, 19 May 2000 18:51:16 -0700
From: Radman <radman@best.com>
To: "'Pete Burbank'" <plburbank@kih.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70588] RE: FT-100 knob Query
Message-ID: <01BFC1C3.388B4CE0@radman.vip.best.com>

Hi Pete & the gang,

I'll attempt to demystify the Yaesu FT-100 knob for those interested. In the beginning... when Elecraft launched their K2 transceiver, many (some) of us K2/mojo fanatics were looking for a replacement for the stock K2 knob - which is not a bad knob.

Some guys/gals wanted a knob with a 'spinner,' or an 'indent,' or a 'rubber ring,' or something that allowed better tuning 'traction,' grip-feel and fast/slow spin capability. Many of us experimented with various knobs or all sorts, but when Yaesu launched the FT-100... that's the knob that caught the attention of lots of K2ers. In fairness, the majority of K2ers probably kept their stock knobs. But many others (like me) called the Yaesu/Parts Dept, made the buy and switched knobs. The popularity/coolness of the FT-100 knob is once again validated by the "20 seconds" it took 'Allan-GT' to sell his knob. They're hot! Very hot!

Regarding the FT-100 knob and mojo - some K2ers maintain that the DX phenomenon known as 'K2 mojo' is "disturbed" by replacing the stock knob. Others (including myself) will argue the opposite - and even submit FT-100/K2/mojo log-books that 'substantiate' mojo. But this begins to get into mystical waters - probably beyond the general interest of this list.

In summary, Yaesu did a marvelous design job with that FT-100 knob. Which rig you mount it on is between you and your conscience ;) Hope this helps :)

Party on,

72 - Conrad Weiss - NN6CW

From: Pete Burbank[SMTP:plburbank@kih.net]
Sent: Friday, May 19, 2000 4:19 PM
To: Low Power Amateur Radio Discussion
Subject: FT-100 knob Query

Gang,
Somehow I missed reading about the virtues of the FT-100 knob.
Can someone enlighten me?
73 Pete NV4V

Date: Fri, 19 May 2000 21:51:22 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [70589] Re: SMK-1 Questions
Message-ID: <3.0.6.32.20000519215122.00797100@vmsspop.rit.edu>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 05:10 PM 5/19/00 -0700, you wrote:

>Greetings:

>

>During checkout of my SMK-1, I smoked U2, the audio

>amplifier IC (big time!). A couple of questions:

>

>1. Any good suggestions for removing the dead IC

>without destroying the board? I'm looking around for

>a small set of cutters in hopes that I might be able

>to cut all of the leads of the dead IC. Any better

>ways to do this?

Craig,

FWIW, I worked with a guy who would slice the leads off of surface-mount chips with a thin carbide cutting wheel on a Dremel tool. Then he'd unsolder the individual leads and put down a new chip. He was the only guy I knew who was brave enough to replace the microprocessor in a handheld radio without real SMT rework equipment.

Try it at your own risk.

Dave

Date: Fri, 19 May 2000 19:18:50 -0700

From: John Kuklewicz N7ZN <kukl@cybrquest.com>

To: dlh1009@ritvax.isc.rit.edu, QRP-L <qrp-l@Lehigh.EDU>

Subject: [70590] Re: SMK-1 Questions

Message-ID: <3925F60A.7655B3F2@cybrquest.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wick. Use an appropriate size of solder wick. A substitute can be fashioned from copper braid (i.e. from small coax such as RG-174) and liquid rosin flux. The commercial flux has powdered rosin flux already in it.

Use a small temp controlled iron to wick the solder off the pads. Usually this will leave only the tiniest amount of solder holding the lead to the pad.

With a sharp x-acto knife twist the lead away from the pad while simultaneously heating the pad (not the lead) with the iron. This softens the solder enough that the lead will bend away from the pad. Sometimes the solder lets go of the lead without the iron even being applied. Until you get a feel for how much force is too much it is easy to tear the land off of the PCB.

This is a slow process and is greatly aided (for us in the over-40 crowd) by lots of light and some magnification.

The technique described below by Dave H. takes very steady hands. Is quick though!

Best regards

John N7ZN

David Hinerman wrote:

>

> At 05:10 PM 5/19/00 -0700, you wrote:

> >Greetings:

> >

> >During checkout of my SMK-1, I smoked U2, the audio

> >amplifier IC (big time!). A couple of questions:

> >

> >1. Any good suggestions for removing the dead IC

> >without destroying the board? I'm looking around for

> >a small set of cutters in hopes that I might be able

> >to cut all of the leads of the dead IC. Any better

> >ways to do this?

>

> Craig,

>

> FWIW, I worked with a guy who would slice the leads off of surface-mount chips with a thin carbide cutting wheel on a Dremel tool. Then he'd unsolder the individual leads and put down a new chip. He was the only guy I knew who was brave enough to replace the microprocessor in a handheld radio without real SMT rework equipment.

>

> Try it at your own risk.

>

> Dave

Date: Fri, 19 May 2000 20:39:32 -0600

From: "John A. Evans - N0HJ" <jaevans@codenet.net>

To: qrp-1@lehigh.edu

Subject: [70591] 2 questions, while everyone (but me) is at Dayton !!
Message-ID: <3925FAE4.4A7E2C06@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I - how can I tell from my Argosy 525 whether it has a Gilbert Cell mixer or diode ring mixer?? One of the bidders on my rig would like to know and obviously, my technical expertise in this area is lacking.

II - I am working on an ultralight backpacking station and was wondering what the lightest effective dipole would be to take along. I thought at first of an RG-174 fed dipole for my SST-20, but I think the loss would be significant at 14 MHz. I figure I can feed one with tiwnlead or speaker wire and then make a simple/light balun for the connector. The less equipment I carry, the better, so I would prefer to do without a tuner.

tnx es 72 - john - n0hj

Date: Fri, 19 May 2000 19:48:03 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: wb3gck@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [70592] Re: SMK-1 Questions
Message-ID: <200005200245.TAA19187@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:10 PM 5/19/2000 -0700, you wrote:

>During checkout of my SMK-1, I smoked U2, the audio
>amplifier IC (big time!). A couple of questions:
>
>1. Any good suggestions for removing the dead IC
>without destroying the board? I'm looking around for
>a small set of cutters in hopes that I might be able
>to cut all of the leads of the dead IC. Any better
>ways to do this?
>

Using small solder braid, remove all the solder you can from the pads/leads.

Then, use a very fine tipped screwdriver, or even a large sewing needle, and heat a pad, prying gently on the lead, until it lifts off. Go to the next one and do the same. Keep this up until all but one lead is lifted. For the final pad, grasp the component with tweezers and gently lift while heating the pad until it comes free.

All this is if you don't have access to a hot-air tool :^). It's a bit tedious, but does work, and if you do it carefully, you won't damage the board. This process should only be used on components that are trashed anyway.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Fri, 19 May 2000 20:09:50 -0700
From: Radman <radman@best.com>
To: "'John A. Evans - N0HJ'" <jaevans@codenet.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70593] RE: 2 questions, while everyone (but me) is at Dayton !!
Message-ID: <01BFC1CE.347D16A0@radman.vip.best.com>

Hi John,

Not all of us are at Dayton Y2K ;) I'll let someone else take the T-T question.

RE: Question 2.) and RG-174 coaxial loss at HF - it's not as bad as many think. At 10MHz the loss is ~3.3dB per 100 feet. So, chop-off 25-30 feet of coax and it's about a 1dB loss at 14MHz. I've used it effectively in field scenarios with conventional dipoles. It's extremely lightweight and rolls up easily. Others may have other opinions on this subject, but on the trail it's all a compromise :)

Source: <http://www.radio-ware.com/products/techinfo/coaxloss.htm>

Best,

72 - Conrad -NN6CW

Greetings,

///snip///

II - I am working on an ultralight backpacking station and was wondering what the lightest effective dipole would be to take along. I thought at first of an RG-174 fed dipole for my SST-20, but I think the loss would be significant at 14 MHz. I figure I can feed one with tiwnlead or speaker wire and then make a simple/light balun for the connector. The less equipment I carry, the better, so I would prefer to do without a tuner.

tnx es 72 - john - n0hj

Date: Fri, 19 May 2000 19:36:47 -0800
From: Jean & John Hendricks <j-j-hendricks@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [70594] Re: 2 questions, while everyone (but me) is at Dayton !!
Message-ID: <20000520034058.DLNK3646.mtiwmhc23.worldnet.att.net@hendrick>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have been using RG-174 with a SW-20+ and found it to work fine. My antenna consists of 1/4 wavelength of #24 stranded to the center of the RG-174. Then 1/4 wavelength down the RG-174 I placed 3 toroids to act as a choke. After that

I go another 25 feet to the BNC for the rig. Work great outdoors or from a hotel.

John Hendrick AL70K

Date: Sat, 20 May 2000 00:19:07 -0400
From: "curt" <k3ivb@stargate.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [70595] Looking for *OHR400*
Message-ID: <001301bfc212\$8b0abd80\$aeb9a6d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A while back I saw a post for the Oak Hills 400 for sale and was wondering if it's still available. I am looking for a clean OHR400 for a fellow ham, if anyone knows of one, please let me know.

Tnx,
Curt

Date: Fri, 19 May 2000 19:34:49 -1000
From: "Art Neilson, WH7N" <art@pilikia.hi.net>
To: plburbank@kih.net
Cc: qrp-l@lehigh.edu
Subject: [70596] Re: FT-100 knob Query
Message-ID: <3.0.6.32.20000519193449.0093f6c0@pilikia.hi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Maybe someone will share the secret incantation with Pete to get the Mojo to transfer into the FT-100 knob from the old knob so it will perform as well.

At 07:18 PM 5/19/00 -0400, you wrote:

>Gang,
>Somehow I missed reading about the virtues of the FT-100 knob.
>Can someone enlighten me?
>73 Pete NV4V
>
>
--

 /) _/_ It is a capital mistake to theorise before one has data.
 /--/ __ / Insensibly one begins to twist facts to suit theories,
/ (_/ (_<__ Instead of theories to suit facts.

 -- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, WH7N
Bank of Hawaii Tech Support
art@pilikia.hi.net, aneilson@boh.com, wh7n@arrl.net

Date: Fri, 19 May 2000 23:34:47 -0700

From: Thomas Kuehl <ac7a@gci-net.com>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70597] Re: 2 questions, while everyone (but me) is at Dayton !!
Message-ID: <39263207.348DB337@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello John:

Like many out there I too would like to be at Dayton. I am sure those who attended will flood us with exciting information this coming week.

Regarding the Argosy 525 mixer, the receive path uses a conventional diode ring mixer in the front end. It is not obvious from the schematic but U2, an ND487C1, is a matched quad of diodes. Such rings usually employ Schottky diodes and I suspect this is the case here as well. Receiver designers often select a diode mixer over an active mixer because it provides the high dynamic range (required to handle strong input signals), low noise, at a low cost. This can be trickier to achieve with an active mixer.

There is also an MC1496G, Gilbert Cell mixer on the same board. This is U1 and it serves as the transmit mixer. Since this mixer contends with relatively consistent input signals it provides an easily applied, well balanced, low cost solution.

It really comes down to the old, "best bang for the buck" adage.

Best regards, Thomas - AC7A (Tucson)

"John A. Evans - N0HJ" wrote:

> Greetings,
>
> I - how can I tell from my Argosy 525 whether it has a Gilbert Cell
> mixer or diode ring mixer?? One of the bidders on my rig would like to
> know and obviously, my technical expertise in this area is lacking.
>
> tn timer 72 - john - n0hj

Date: Sat, 20 May 2000 00:00:29 -0700
From: Dave Fifield <fifield@pacbell.net>
To: wb3gck@yahoo.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [70598] Re: SMK-1 Questions
Message-ID: <001701bfc229\$1588d580\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Craig,

The Mouser NJM386E should be a good replacement.
Good luck with it. BTW, how did you manage to smoke
it? In backwards?

Cheers es 72,
Dave Fifield, AD6A

----- Original Message -----

From: Craig LaBarge <wb3gck@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, May 19, 2000 5:10 PM
Subject: SMK-1 Questions

> Greetings:

>

> During checkout of my SMK-1, I smoked U2, the audio
> amplifier IC (big time!). A couple of questions:

>

> 1. Any good suggestions for removing the dead IC
> without destroying the board? I'm looking around for
> a small set of cutters in hopes that I might be able
> to cut all of the leads of the dead IC. Any better
> ways to do this?

>

> 2. The parts list calls out an LM386M-1 for U2.
> Mouser carries an NJM386E (SO-8, of course). Would
> that be a suitable replacement?

>

> Thanks & 73,

>

> Craig WB3GCK

>

>

>

>

>

> -----
> Do You Yahoo!?

> Send instant messages & get email alerts with Yahoo! Messenger.

> <http://im.yahoo.com/>

>

Date: Sat, 20 May 2000 04:59:43 EDT
From: Wa3ptg@aol.com
To: Dan.Tayloe@motorola.com, qrp-1@lehigh.edu
Subject: [70599] HB: receiver
Message-ID: <5f.5748812.2657adff@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

So many responses! Thank you all!

It's pretty obvious that the 8064 IF for the 30 meter rig works, but won't ever work that well. Live and learn!
Last night I built and tested a new front end for the radio. The images were weaker, but even a wave trap couldn't eliminate them. So...
The new project is building a stable 6 mHz VFO. As in

5.936 mHz VFO + 8.064 mHz Filter for 20 meters.
6.1 mHz VFO + 4.000 mHz filter for 30 meters.

Can this be done with W1FB's FET hartly oscillator??

So much to build, so little time.

72 DE WA3PTG
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Sat, 20 May 2000 05:27:37 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: JCoote@ci.arcadia.ca.us, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [70600] Re: Kit & Part Sources
Message-ID: <3.0.2.32.20000520052737.007af530@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jay and all,

>Can someone email me a list of the US QRP kit manufacturers?

Check here too:

<http://www.njqrp.org/data/links.html>

<http://www.qrparci.org/arcipg2.htm>

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sat, 20 May 2000 05:07:16 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [70601] Re: 2 questions, while everyone (but me) is at Dayton !!
Message-ID: <392671E4.726F8CE6@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks all for the feedback - now I have a better feel for using RG-174 at or below 14 MHz as well as what my Argosy has.

tnx es 72 es have a great weekend !!!

john - n0hj

Date: Sat, 20 May 2000 07:46:10 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Cc: <khopper@uchicago.edu>, "ak0b" <ak0b@swbell.net>
Subject: [70602] my PSK-20/PSK-31 links
Message-ID: <00ee01bfc261\$ca6fbd00\$0e8a1004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

Earlier this week I posted a review of the new PSK-20 rig from Small Wonder Labs. In that review I mentioned that I would put on my web

site, screen shots of DigiPan being driven/driving the PSK-20. Those images are now there. Surf over to my home page:
<http://www.qsl.net/n0rc> and click on the PSK31 link.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Sat, 20 May 2000 08:13:12 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [70603] Scott Bauer
Message-ID: <Pine.LNX.3.95.1000520080807.13681A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would like to verify Scott Bauer's mailing address...I think his call is KE3something....I have it as:

PO Box 392
Odenton, MD 2143
USA

I haven't seen any postings from him for a long time.....Scott?...anyone please.....tnx.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 20 May 2000 10:21:46 -0400
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu;; K3CHP <k3chp@erols.com>, K3KQ <semartin@erols.com>,
K3PG <pgerhardt@hotmail.com>, K4AHK <k4ahk@ix.netcom.com>,
Subject: [70604] QRP-L CD Vol 3
Message-ID: <4.3.1.0.20000520093439.00bb0910@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For those of you who have ordered CDs from me, they all went out in the mail today. Sorry for the delay. Slight delay in production setup.

I am now setup for mass mailings. (Come on, masses.) I can't turn them around in 10 minutes like Jim (I don't get my mail at work and even if I did, I can't take recordable CDs into my office) but I can get them out the next day.

Michael Bower
N4NMR
PayPal - bowerm@ix.netcom.com

For details on the new CD, see www.qsl.net/n4nmr and follow the link.

Date: Sat, 20 May 2000 11:34:49 -0400
From: david fouchey <dafouchey@home.com>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70605] Re: OT - 'QRP' GPS on sale....
Message-ID: <3926B099.D90894B1@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have tried it and the Garmin GPS 12 Map and liked them both, so much so that I bought the 12 Map. I settled on the 12 Map because I could download topo maps to it from the lap top. But then it is a good bit more expensive. All in all I get 36 hours out of a set of AA batteries with the 12 MAP, so I wouldn't be surprised if you don't get more than the 12 out of the E-Map. Nice unit if I hadn't needed the additional capabilities of the 12 Map I would have picked an E-Map up instead.

Dave
WA4EMR/8

Radman wrote:

>
> Friends,
>
> With our more accurate GPS system now in place, I've been considering a
> tiny hand-held for this summer's QRP adventures. West Marine has the new
> Garmin eTrex on sale. This 12-parallel channel, 500 way-point unit is said
> to run for 18-22 hours on 2 'AA' batts. I managed to steer myself thru a
> demo outside a West Marine store and even navigated my way back to the
> cashier - fortunate, as she was holding my Visa card as security ;)
>
> At \$114.95, it seems like a pretty cool buy - anyone try one yet?

>
> Nice description/pics at: <http://www.4x4books.com/gmet.htm>
>
> Thanks for any user reports/advice,
>
> 73 - Conrad Weiss - NN6CW

Date: Sat, 20 May 2000 11:56:36 -0400
From: Tom Isgro <k8cz@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [70606] Re: Design Session
Message-ID: <3926B5B4.79D83C61@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

Thanks for the pictures. I was there this year (and the previous two) and I must say it gets better every year. This is a highly recommended QRP activity.

Those who have not attended should make plans to join us next year if you can. You will not regret it. Meet some great people, talk qrp and have a terrific time in Dayton.

--
72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-l 945, FISTS 2360, NORCAL 2113, ARCI 9606,
10-10 68364, SCI 1479, ARS 203, ARRL

Date: Sat, 20 May 2000 09:15:27 -0700
From: Radman <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [70607] OT - Yaesu's DSP-1000MP (MK-V)
Message-ID: <01BFC23C.0F91C160@radman.vip.best.com>

Gang,

Yaesu showcased their new FT-1000MP-MK-V at the Dayton Y2K Hamvention.

While I wasn't able to personally attend the event, I did receive this

descriptive preview courtesy of K6SE via the FT1000MP reflector -
cross-posted to the Yaesu reflector.

Sounds like there's some very clever DSP filter schemes employed - check
out the section on IDBT: 'Interlocked Digital Bandwidth Tracking System.'
VRF: 'Variable RF Front-end Filter.'
200 watts RF-out Class 'A' operation. Beefed-up ATU. Re-vamped shuttle/jog
tuning. Outboard 30VDC/13.8VDC PS. And more... for a \$4K (projected.)
Should be a real contest hound !!

It's rumored to be 'QRP-capable'...

Happy reading :)

73,

Conrad Weiss - NN6CW

Forwarded from K6SE:

Briefly, here's what Yaesu's "New Product News" brochure says about the
five main changes included in the Mark-V FT-1000MP (the notes are mine):

1) 200 watts PEP Transmitter Output:

- Conservatively-designed 200 W MOSFET Final Amplifier
- Beefed up high-speed automatic antenna tuner
- Revolutionary heat sink design for contest and DXpedition environments

Note: The new MP uses an outboard power supply which provides 30 volts DC
for the final MOSFETs and 13.8 vdc for the rest of the transceiver
circuitry.

2) Class-A PA Operation:

- The first amateur transceiver to provide class-A operation, providing
uniquely-pure signal quality.

Note: Class-A operation can be switched on/off with a new front panel
button named "Class-A".

3) IDBT: Interlocked Digital Bandwidth Tracking System:

- A unique and formidable interference-fighting system, whereby the
bandwidth of the DSP filter is automatically locked to be the same as the
net bandwidth of the analog IF filters. Engaging the IDBT, the operator
experiences a sudden sharpening of the shape factor of the receiver's
filter system. With IDBT, the DSP filter is automatically programmed to
match any custom bandwidth you set by using the IF WIDTH and IF SHIFT

controls, and the DSP filter then contributes a filtering slope which resembles a sheer cliff. Additionally, the potential for AGC "pumping" caused by different analog and digital bandwidths is eliminated.

4) VRF: Variable RF Front-end Filter:

-- Yaesu's engineers have developed the VRF module, a high-Q input "preselector" filter ahead of all active devices in the front end, including the main bandpass filters. The VRF circuit provides narrow-band selectivity which prevents unwanted signal voltage from hitting the input side of the bandpass filter switching diodes, where 2nd-order IMD is most often created in an HF receiver.

5) Enhanced Ergonomics: Multi-function Shuttle Jog Dial:

-- The shuttle jog tuning ring now includes the activation switches for the VRF and IDBT features, so the operator does not have to move his hand position to activate these important circuits during contest or pile-up situations.

Note: From a picture in the brochure, it's obvious that Yaesu has completely rearranged the right side of the front panel. Most noticeable is that the EDSP noise reduction and contour knobs are missing - a single manual notch control knob is in their place. Rather than being concentric, the shift and width controls are now separate. There are three "bandwidth" on/off pushbuttons where the "notch", "nb1" and "nb2" pushbuttons are on the present MP. There is now only one "tuner" pushbutton, and a single "nb" pushbutton where the other tuner button was - the nb level control is missing. It's hard to read in the photo, but there appears to be one light-type pushbutton where the "edsp" pushbutton was located, and its label appears to be "contour". The memory channel tuning knob is now labeled "VRF/MEM CH" -- apparently the knob is also used to manually peak the VRF circuits.

I heard the price tag on the new MP will be about \$4000 US.

73, de Earl, K6SE

Date: Sat, 20 May 2000 09:14:44 -0700

From: Bruce Grubbs N7CEE <n7ceeqr@earthlink.net>

To: jaevans@codenet.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [70608] Re: 2 questions, while everyone (but me) is at Dayton !!

Message-ID: <4.3.1.0.20000520091215.00b98660@earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm with you, I don't want to carry a tuner. I use an inverted V with my DSW40, fed with 40 ft of RG174. I've measured the loss at about 1 db. It would be higher on 20m, but not much.

The inverted V requires only one support, which makes it easier to set up than a dipole. After a long day, I don't want to mess with two supports, I find.

72

Bruce

Bruce Grubbs, n7ceeqr@earthlink.net

Date: Sat, 20 May 2000 09:26:51 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-l@lehigh.edu, azqrp@extremezone.com
Subject: [70609] Ft Tuthill 2000
Message-ID: <200005201624.JAA08483@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've put the information of Ft Tuthill 2000 up on my page. Click on the link on the opening page, or go direct to
<http://www.extremezone.com/~nk7m/qrp2000>.

Additional info will be posted as it's available.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Sat, 20 May 2000 10:53:41 -0600

From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [70610] Tektronix 454 manual needed/probe compensation question
Message-ID: <000901bfc27b\$f4fc3ac0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

- 1) Anyone have a Tek 454 scope manual they'd be willing to copy or loan?
- 2) Need info on procedure for probe compensation with the 454. Can anybody help?

73,

Dave AB0GO

Date: Sat, 20 May 2000 12:58:37 -0400
From: Gordon <gordon@znet.groupz.net>
To: qrp-l@Lehigh.EDU
Subject: [70611] SOP 40
Message-ID: <4.2.0.58.20000520125602.0096a220@mail.groupz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone recieve a SOP 40 kit as of today. put out by the NJQRP club

Gordon W4KYW
Please answer to me only

Date: Sat, 20 May 2000 10:02:07 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: Bob Hightower <nk7m@extremezone.com>
Cc: qrp-l@lehigh.edu, azqrp@extremezone.com
Subject: [70612] Re: [azqrp] Ft Tuthill 2000

Message-ID: <3926C50F.463455B2@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The link should be <http://www.extremezone.com/~nk7m/qrp2000.htm>

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Sat, 20 May 2000 13:28:48 -0400

From: Barry J Minsky <w2bj@juno.com>

To: antennas@qth.net, qrp-l@lehigh.edu

Subject: [70613] B & W

Message-ID: <20000520.132853.-3731337.0.w2bj@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Does anyone have a URL and phone number for B & W Antennas? I would appreciate your help.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century

Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,

Knightlites, Adventure Radio Society #359,

Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Sat, 20 May 2000 10:28:47 -0700

From: Patrick Armstrong <aa7fg@gte.net>

To: qrp-l@Lehigh.EDU

Subject: [70614] Wilderness Sierra/KC2/NB/8 bands - SOLD

Message-ID: <3926CB4F.9A1507CD@gte.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Many thanks to all who contacted me about the Sierra and sorry for the late response, but the radio is sold...

Pat, AA7FG...

Date: Sat, 20 May 2000 11:03:23 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [70615] 10mW RTTY QSO Arkansas to Latvia
Message-ID: <20000520180323.14837.qmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just finished a RTTY QSO with Vilnis, YL2KF with my new TrueTTY V1.5 software.

He was CQ'ing and I answered him with 700mW. He gave me a 599, and we had a normal QSO, until I told him my power. Then he asked me if I could lower my power more, so I did. ;-)

At 500mW still he still had perfect print, so he asked me to go lower. I hit 65mW, and still good copy, he asked for 10mW, and I came back with 10mW, and he copied that power, but said there were many print errors, but ok for a QSO at that level.

I worried abt QSB so raised my power to "QR0" 100mW and we chatted back and forth more. At one point he mentioned QSB and loseing me for a few seconds, so I raised my power to 500mW. We chatted on some more, and I finished back at 800mW to say bye bye.

At 700-800mW, keyboard to keyboard RTTY communications were 99-100% solid copy for our path, & band conditions.

This was at 16:40Z 5/20/00 on 21.092.2LSB - My equipment, Elecraft K2 XCVR, 2 el quad 10/15M at 70ft, Ten Tec 290 Step attenuator, and Oak Hills Research QRP WM-2 wattmeter. Toshiba notebook computer 450MHz, & standard sound card.

He had a pretty decent system, there and FB yagi beam aimed at the USA.

Band conditions (Mother nature) gets most/all of the credit though.

I added on to my "Links" webpage. More psk31 links, and a link to download Spectrogram. This is the

freeware for setting up the filters on your K2 or other rigs.

There is also a link to get a free trial copy of TrueTTY. The trial version is pretty good!

73's de Jim KJ5TF
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Sat, 20 May 2000 14:10:05 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Barry J Minsky" <w2bj@juno.com>, <antennas@qth.net>, <qrp-1@lehigh.edu>
Subject: [70616] Re: [Antennas] B & W
Message-ID: <000a01bfc286\$a2a9b3a0\$0711a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

the B& W home page is :
<http://www.bwantennas.com/>
73 dave

----- Original Message -----

From: Barry J Minsky <w2bj@juno.com>
To: <antennas@qth.net>; <qrp-1@lehigh.edu>
Sent: Saturday, May 20, 2000 1:28 PM
Subject: [Antennas] B & W

> Does anyone have a URL and phone number for B & W Antennas? I would

> appreciate your help.
> 72/73,
> Barry J. Minsky, W2BJ
> ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
> Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
> Knightlites, Adventure Radio Society #359,
> Six Club #151, QCWA #29298, OOTC #3723, SOC #193
>
> -----
> Submissions: antennas@qth.net
>

Date: Sat, 20 May 2000 11:19:52 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [70617] GCN - N7XJ heard
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBB50@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I heard N7XJ running QRP-P from the Grand Canyon and other stations working him on 7042 but my site near Pasadena, CA- (an office type building) was too QRN for a QSO.

My QRN may be from a 10-base T network or a cheap motion detector which turns off fluorescent lights in a large room.

Nice to hear them though!

Jay
W6CJ

Date: Sat, 20 May 2000 13:57:57 -0700
From: Russ Dow <n7dw@garlic.com>
To: ekdave@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70618] Re: Tektronix 454 manual needed/probe compensation question
Message-ID: <3926FC55.EB57D8C4@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave,

Try Deane Kidd, W7TYR in Sherwood, OR.
E-mail address: dktyr@teleport.com

73 and GL,
Russ N7DW

David Ek wrote:

>
> Gang,
>
> 1) Anyone have a Tek 454 scope manual they'd be willing to copy or loan?
>
> 2) Need info on procedure for probe compensation with the 454. Can anybody
> help?
>
> 73,
>
> Dave AB0GO

Date: Sat, 20 May 2000 17:58:34 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [70619] W/R ANT... DON'T WORK MAD!
Message-ID: <20000520.175837.-70075.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all

well , I gots me a story to tell u about putting up some wire rope antenna when I been dust-gusted... seems like I can never make my 40 mtr sstv net lately... not even with my monster wire beam.. so I thought... maybe I'll go outside and turn the 40mtr ant towards europe...

that would give me sunset to sunrise use of forty... so I decided maybe I will put a thirty meter ant up instead... so I decided to do that... a twenty meter and thirty meter beam with the forty meter dipole for a driven element...I decided to put the reflector (49ft) spaced .1 wave or 10ft and the director (44ft) spaced .1 wave also.... I left the weird 20mtr ant with the 14ft spacing (.2 wave) ref. 35ft..... dir 31ft...

Things went pretty good till I tried to get the dowel rod (made with the two big hand rail rods).... (wood)... it started hanging up on every branch it could.. my cajun mama wasn't heah so I didn't want to use the shotgun... instead I got my trusty hand saw.... made me a rope ladder... and hooked that thing in the tree... then I started climbing... and got

to the branch in question...

Ever wonder how we decide things (like branches) are strong enough to hold our weight... I climbed out on this branch a bit and comenced to saw... it was then I noticed a crowd of people on the hill by the ice cream place... they were watching , eating ice cream , and looked like they were making bets on something!

About this time I heard the branch start to break and with one quick thrust I cut that succker clean... it fell straight down on top of my old station wagon! put a dent in the roof about the size of a gumbo bowl and didn't scratch the paint!! Now that's skill, I'll tell you...

I glanced back at them people on the hill and they were exchanging money... guess they had some kind of bet going.... I'm now in the house lilstening to thirty meters and things are quiet... hope it's the band and not my multispliced twinlead leadin.... looking out the window I can see three of the five elements I put up are sagging too much so I gotta go and play "drop the dowl rod into the tree branches" again...

However I'm tired from hauling my mass around the yard for three or four hours so I think I will stop and eat some gumbo before I tackle the tightening project...

U kneaux I'm gonna miss that forty meter beam... was one heck of an antenna...

ke1la joel

in maine

thinking, can't say what... :-)

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 20 May 2000 18:52:51 -0400
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu
Cc: gtarbet@mindspring.com
Subject: [70620] OT:FS non-qrp equipment and qrp/non-qrp accessories
Message-ID: <4.3.1.0.20000520184345.00bb6e10@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I hope this post is allowed. Slightly OT since only part of the gear is qrp.

I am submitting this for a friend. He is not on qrp-l. He can be
contacted at:

gtarbet@mindspring.com

or myself.

All of the xcvs had manuals (I think)

Michael - N4NMR

Make/Model	Condition
Price	
Yaesu FT-730R UHF Transceiver-440	New (Original
Box) \$165.00	
Yaesu FT-230R 2M Transceiver	New (Original
Box) \$165.00	

Yaesu FT-730R w/YM50 Mic UHF Transceiver-440 condition) \$135.00	Used (good	
Yaesu FT-230R w/YM50 Mic 2M Transceiver condition) \$135.00	Used (good	
Yaesu FT-720RW w/YM39 Mic UHF Transceiver-440 condition) \$135.00	Used (good	
Yaesu FT-227R 2M Transceiver condition) \$130.00	Used (good	
Yaesu YD-148 Mic	Good	\$30.00
Kenwood MC50 Mic	Good	\$75.00
Heathkit SB-61D Monitor Scope	"Working, Good"	\$45.00
Murch Electronics UT2000A Ultimate Tuner HF Good \$125.00		
Drake RCS-4 remote coax switch	"Working, needs new on/off switch & fuse	
cover" \$70.00		
Heathkit HD-15 Hybrid Phone Patch working" \$18.00	"Fair,	
Heathkit HD-1410 Electronic Keyer working" \$40.00	"Good,	
TPL RF AMP (13.8 VDC) 1 in 90 out VHF-FM Working \$115.00		
Swan MMBX Coax switch Good \$20.00		
Heathkit 50 ohm dummy load oil) \$15.00	Good (needs	
Drake TV5200 Low Pass Filter (1000 watts Good \$40.00		
Hygain 300 Rotator Controller (no rotator) Fair \$25.00		
CDQ Rotator Controller		\$5.00
Heath Manual Coax Switch \$20.00		
4-band Yagi		
Antenna \$75.00		
"Hundreds of feet of coax, Spool of 1/8"" guy cable, lots of " "miscellaneous connectors, etc."		

End of QRP-L Digest 1827
